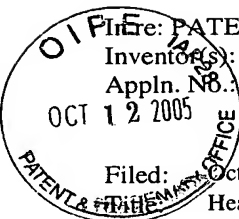


10-14-05  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RCE 15753/17  
PATENT  
APPLICATION



File: PATENT APPLICATION of:  
Inventor(s): Daniel J. Calanni, et al.  
Appl. No.: 10/ 692,393

Group Art Unit 3753  
Examiner: Allen J. Flanigan  
Atty. Dkt. 200-65901  
No.

PB030026AF

Series Code ↑ Serial No. ↑

Client Ref

Filed: October 23, 2003

R C E

Heat Exchanger With Increased Heat Transfer  
Efficiency And A Low-Cost Method of Forming The  
Heat Exchanger

**DO NOT USE FOR PROVISIONAL, DIVISIONAL, CIP  
OR DESIGN APPLICATIONS, OR REEXAMINATION  
OF PATENTS**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: October 12, 2005

Sir:

**REQUEST FOR CONTINUED EXAMINATION (RCE) UNDER RULE 114**

Please continue the examination of this application.

**PREREQUISITES**

This application was filed on/after June 8, 1995, is not abandoned, and no court action has been filed, or if filed, it has been terminated.

An issue fee **has not been** paid (unless a petition under Rule 313(c)(2) is also being filed -- see item 4 below).

**Prosecution has been closed as defined in Rule 114(b).**

**Reply to any outstanding action and Rule 17(e) filing fee must be enclosed**

This application is entitled under Rule 114 to withdrawal of any outstanding finality or of any allowance plus a new action by the Examiner. Consideration on the merits of each submission (e.g., IDS, Amendment, new arguments, new evidence, but not appeal/reply briefs themselves) filed herewith is respectfully requested.

Please consider the following before the next Official Action:

1. Please ☒ enter ☐ do not enter the Amendment filed \_\_\_\_\_
2. ☐ The enclosed Amendment.
3. ☐ Consider the arguments in the appeal brief filed \_\_\_ and reply brief filed \_\_\_\_\_
4. ☐ The issue fee has been paid, but this RCE is based on Rule 313(c)(2). See enclosed petition.
5. ☒ The enclosed Information Disclosure Statement, Form PTO-1449 and 5 references.
6. ☐ The Enclosed Non-Publish Request.
7. ☐ Please suspend action under Rule 103(c) for a period of \_\_\_ months (3 mos. Max) for which the required \$130 fee is enclosed
8. ☒ A check in the amount of \$790 is enclosed of which \$790 is the required RCE filing fee. (Postcard, fee transmittal (with copy) are also attached.)

(Our Deposit Account No. 502305)

(Atty. Dkt No.) 200-65901

Express Mail No. EV590185600US

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This **CHARGE STATEMENT** does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Correspondence Address Below Law Offices of Mark C. Pickering

P.O. Box 300  
Petaluma, CA 94953-0300  
(707) 762-5500  
Customer No. 33402

By Atty:

Mark C. Pickering

Reg. No. 36,239

Sig:

Date:

*Mark C. Pickering*  
10-12-05

Fax: (707) 762-5504

Tel: (707) 762-5583

10/17/2005 HDESTA1 00000054 10692393

01 FC:1801

790.00 OP

**FEE TRANSMITTAL****For FY 2005**

Patent Fees are subject to annual revision.

Express Mail Number EV590185600US*Complete if Known*

Application Number	10/692,393
Filing Date	October 23, 2003
First Named Inventor	Daniel J. Calanni, et al.
Examiner Name	Allen J. Flanigan
Group Art Unit	3753
Attorney Document No.	200-65901 (PB030026AF)

TOTAL AMOUNT OF PAYMENT \$790

**METHOD OF PAYMENT (check one)**1. ☒ The Commissioner is hereby authorized to charge any fees or credit any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. **502305****LAW OFFICES OF MARK C. PICKERING**☐ Applicant claims small entity status. See 37 CFR 1.27.2. ☒ Payment Enclosed:☒ Check ☐ Money Order ☐ Other**FEE CALCULATION (continued)****3. Additional Fees**

Large Entity		Small Entity	
Fee Code	Fee	Fee Code	Fee

1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2520	1812	2520	For filing a request for ex parte reexamination
1804	920	1804	920	Requesting publication of SIR prior to Examiner action
1805	1840	1805	1840	Requesting publication of SIR after Examiner action
1251	120	2251	60	Extension for reply within first month
1252	450	2252	225	Extension for reply within second month
1253	1020	2253	510	Extension for reply within third month
1254	1590	2254	795	Extension for reply within fourth month
1255	2160	2255	1080	Extension for reply within fifth month
1401	500	2401	250	Notice of Appeal
1402	500	2402	250	Filing a brief in support of an appeal
1403	1000	2403	500	Request for oral hearing
1451	1510	1451	1510	Petition to institute a public use proceeding
1452	500	2452	250	Petition to revive-unavoidable
1453	1500	2453	750	Petition to revive-unintentional
1501	1400	2501	700	Utility issue fee (or reissue)
1502	800	2502	400	Design issue fee
1503	1100	2503	550	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))
1810	790	2810	395	For each additional invention be examined (37 CFR 1.129(b))
1801	790	2801	395	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

**FEE CALCULATION****1. FILING FEE/SEARCH FEE/EXAMINATION FEE**

LARGE ENTITY			SMALL ENTITY		
Fee Code	Fee (\$)		Fee Code	Fee (\$)	Fee Description
1011/1111/1311	1000		2011/2111/2311	500	Utility
1012/1112/1312	430		2012/2112/2312	215	Design
1013/1113/1313	660		2013/2113/2313	330	Plant
1014/1114/1314	1400		2014/2114/2314	700	Reissue
1005	200		2005	100	Provisional
<b>SUBTOTAL (1)</b>				<b>0</b>	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims	Fee from below	Fee Paid
Total Claims	19- 20 **	= 0	x 50	= \$ 0
Independent	2- 3	= 0	x 200	= \$ 0
Multiple Dep.			*	= \$ 0

\*\* or number previously paid, if greater; for Reissues, see below:

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	50	2202	25	Claim in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	** Reissue ind. claims over original patent
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** \$0\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** \$790**SUBMITTED BY**Law Offices of Mark C. Pickering  
P.O. Box 300  
Petaluma, CA 94953-0300  
Telephone: (707) 762-5583  
Facsimile: (707) 762-5504  
Customer No. 33402Date: 10-12-05By: Mark C. Pickering

Mark C. Pickering, Reg. No. 36,239